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April 1965

PHOTOGRAPHIC INTERPRETATION

# SUBMARINES PETROVKA AND SEVERODVINSK USSR



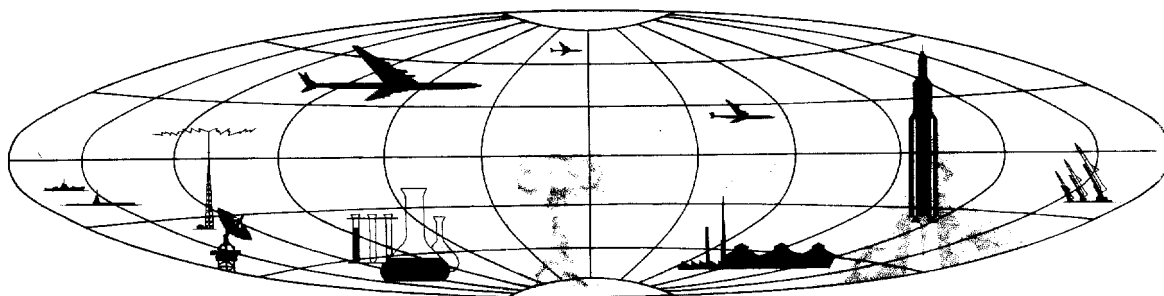
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PHOTO INTERPRETATION BRIEF

|  |                                |                          |                               |
|--|--------------------------------|--------------------------|-------------------------------|
| Title:<br>Submarines--Petrovka<br>and Severodvinsk, USSR | Geo Coords:<br>(See below)     | COMOR No:<br>(See below) | Publication No:<br>[REDACTED] |
|  | NPIC Target No:<br>(See below) | BE No:<br>(See below)    | Date:<br>April 1965           |

Photo [REDACTED]

References: USATC, Series 200, Sheets 0291-6HL, 3d ed, Jan 63 and 0092-22HL, 2d ed, Mar 63 (S)  
NPIC Project 11149/65 (C-SI5-82,284)

Continuing analysis of shipyards at Petrovka (Coords: 43-07N 132-20E; COMOR: [REDACTED] NPIC Target: 0291-67; BE: [REDACTED] and Severodvinsk (Coords: 64-34N 039-49E; COMOR: [REDACTED] NPIC Target: 0092-7A; BE: [REDACTED] on photography from [REDACTED] [REDACTED] reveals the following refinements in information from materials derived directly from the original negative.

At Severodvinsk (Figure 2), the 2 submarines located along the quay west of the launching basin are probably E-II-type SSGN at least 385 feet length overall (LOA). Four elevated twin-missile launchers are noted on the westernmost submarine. A proportional analysis indicates that the positioning of these launchers most nearly approximates that seen on the E-II-type SSGN (395 ft LOA) observed at Petrovka (Figures 1 and 3). The E-class SSGN nearest the launch basin appears to have at least 3 twin launchers as evidenced by 3 visible exhaust deflectors. The missile launchers on this submarine are not elevated, precluding determination of the existence of launchers adjacent to the sail. The extremely low light

level at Severodvinsk on this coverage, with resulting lack of contrast and definition, precludes assignment of hard mensural values to the imagery. The probable E-class SSGN and the W/R-class SS previously reported in reference 3 have been reevaluated as unidentified yard craft or equipment. The possible E-class SSGN reported in the floating dock has subsequently been reevaluated as an unidentified submarine due to lack of definition and an indeterminate LOA.

Utilization of materials derived from the original negative resulted in minor changes in the configuration of the E-II-type SSGN at Petrovka as reported in reference 4. These changes are reflected in Figure 1. No further refinements are obtainable on the E-I-type SSGN on this coverage.

ADDITIONAL REFERENCES

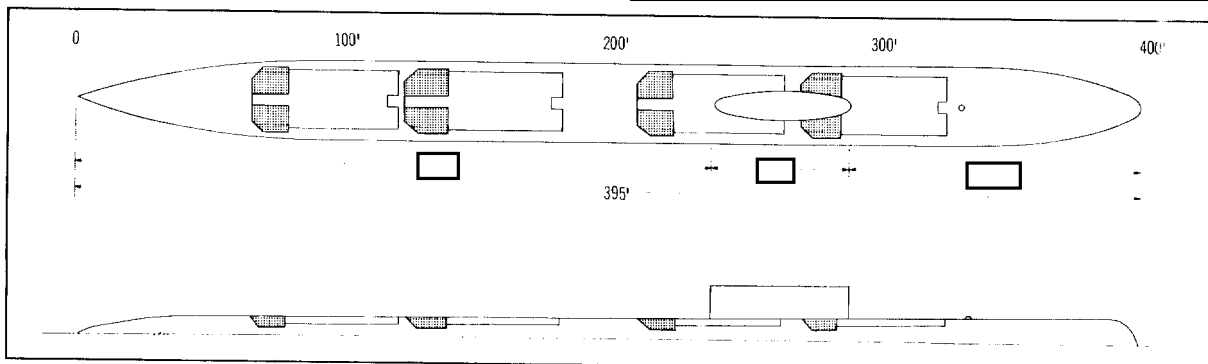


FIGURE 1. E-II-TYPE SSGN, PROVISIONAL DRAWING, PETROVKA SHIPYARD.

NPIC J-938 (4/65)

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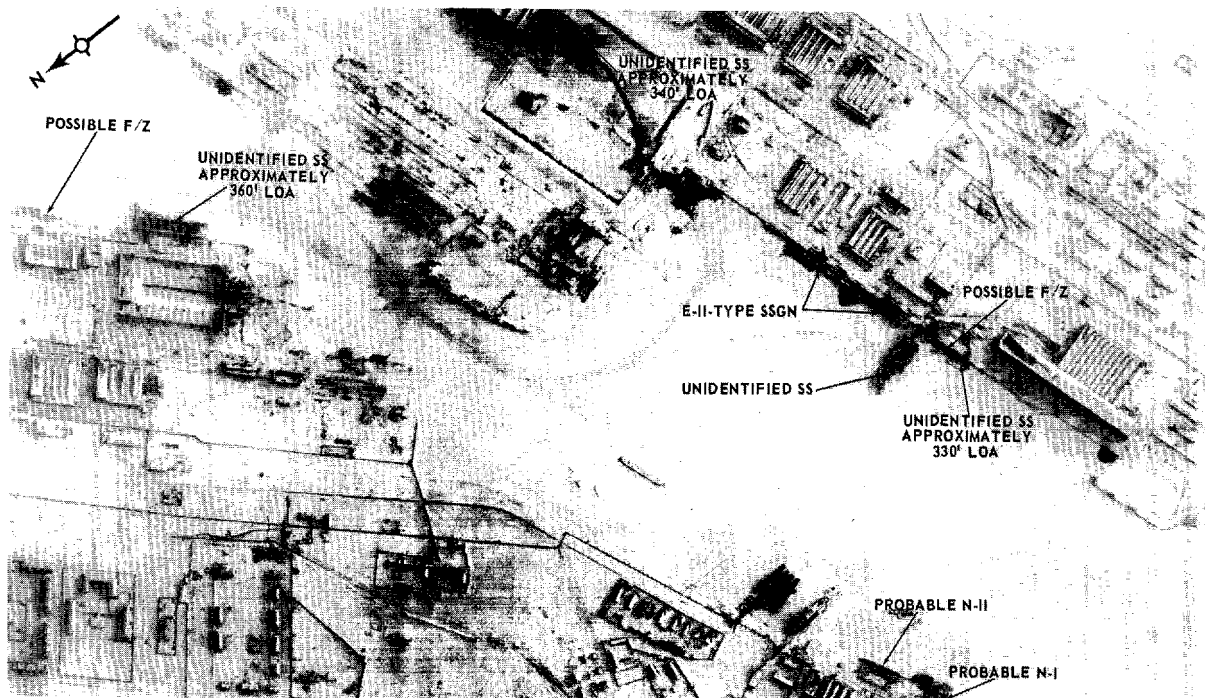


FIGURE 2. SEVERODVINSK SHIPYARD, USSR,

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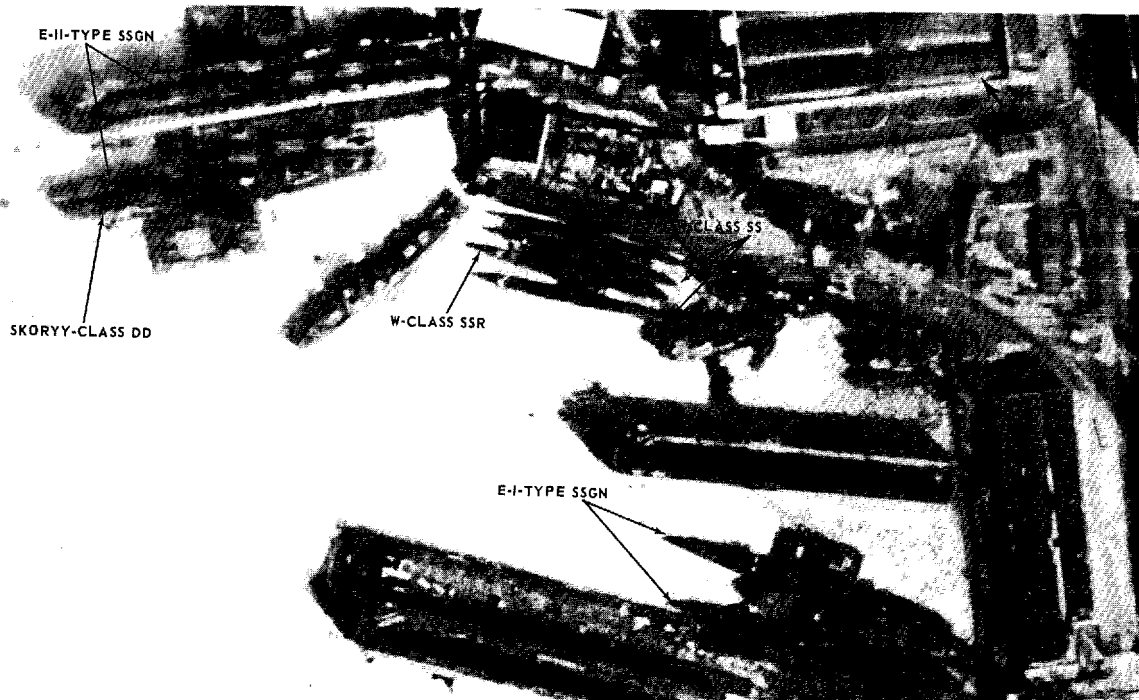


FIGURE 3. PETROVKA SHIPYARD, USSR,

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